



PTO/SB/21 (08-03)

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Total Number of Pages in This Submission

Application Number	10/667,006
Filing Date	September 19, 2003
First Named Inventor	Michael E. Mack
Art Unit	1753
Examiner Name	TBD
Total Number of Pages in This Submission	11460-127

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please Identify below): Suppl. IDS Letter; Form PTO-1449 with copy of non-U.S. patent reference (1); return postcard.
Remarks		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	John A. Hamilton, Reg. No. 48,946
Signature	
Date	February 6, 2004

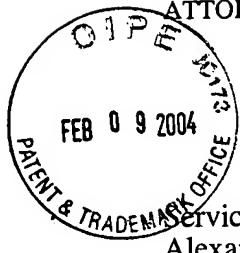
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Date	February 6, 2004

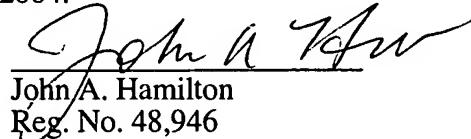
This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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John A. Hamilton  
 Reg. No. 48,946

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Michael E. Mack

Serial Number: 10/667,006

Filed: September 19, 2003

For: SYSTEM FOR AND METHOD OF GAS CLUSTER ION BEAM PROCESSING

Examiner: TBD

Group Art Unit: 1753

PERKINS SMITH & COHEN LLP  
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 Boston, MA 02108  
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To: Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

### SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement (Form PTO-1449) (including copy of non-U.S. patent reference) is submitted under 37 CFR 1.97(b)(3).

### REMARKS

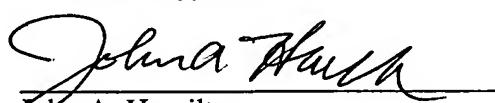
Applicant submits herewith an Information Disclosure Statement under 37 CFR 1.97(b)(3) before the mailing of a first office action on the merits. In view thereof, no fee is required. However, in the event fees are required, please charge any underpayment of fees to or credit any overpayment of fees to Deposit Account No. 03-2410, Order No. 11460-127.

The following information is presented in the event that a call may be deemed desirable by the Examiner:

JOHN A. HAMILTON (617) 854-4000.

Respectfully submitted,  
 Michael E. Mack, Applicant

By:

  
John A. Hamilton  
 Reg. No. 48,946  
 Attorney for Applicant

Dated: February 6, 2004



**FORM PTO-1449**  
**U.S. DEPARTMENT OF COMMERCE**  
**PATENT AND TRADEMARK OFFICE**

ATTORNEY DOCKET NO.: 11460-127

APPLICATION SERIAL NO.: 10/667,006

GROUP ART UNIT: 1753

APPLICANT: Michael E. Mack

EXAMINER: TBD

FILING DATE: September 19, 2003

CONFIRMATION NO.: 9136

PRIORITY DATE: September 23, 2002

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB-CLASS	FILING DATE IF APPROPRIATE
	4,361,762	11/30/82	Douglas	250/251	
	4,916,311	04/10/90	Fuzishita et al.	250/251	

**FOREIGN PATENT DOCUMENTS**

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS/SUB-CLASS	TRANSLATION YES NO
	JP2000065942	03/03/00	Nissin Electric Co. Ltd.	G01T 1/29	No

**OTHER DOCUMENTS**  
**(Including Author, Title, Date, Pertinent Pages, etc.)**


EXAMINERDATE CONSIDERED